

ABSTRACT

For a laboratory testing of enclosed partial cabins as resting room for the installation in commercial aircraft, it is suggested to use a simulation arrangement. In this regard it is provided
5 that the partial cabin comprises via vibration generators for the simulation of an excitation structure-borne noise corresponding to the later connection to the fuselage structure. Furthermore, elements for the airborne noise excitation are allocated to the partial cabin. The vibration generators and the elements for the
10 airborne noise excitation are adjustable via control and regulating devices. The signals are generated via a computer unit with an input data file of knowledge-based acts as well as, if applicable, by extrapolation of the acoustic values at the installation location and of the embodiment or construction of
15 the partial cabin.